

L.B.I.
FOUNDRIES
since 1919

www.lbi-foundries.com

Centrifugal & sand casting
Your partner for castings

OUR SOLUTIONS FOR THE HYDROPOWER INDUSTRY

100% casted and machined in France

Low allied &
pure Copper

Bronze
& Brass

Aluminium
Bronze

Aluminium

Stainless
steel

Ni-based &
super alloys

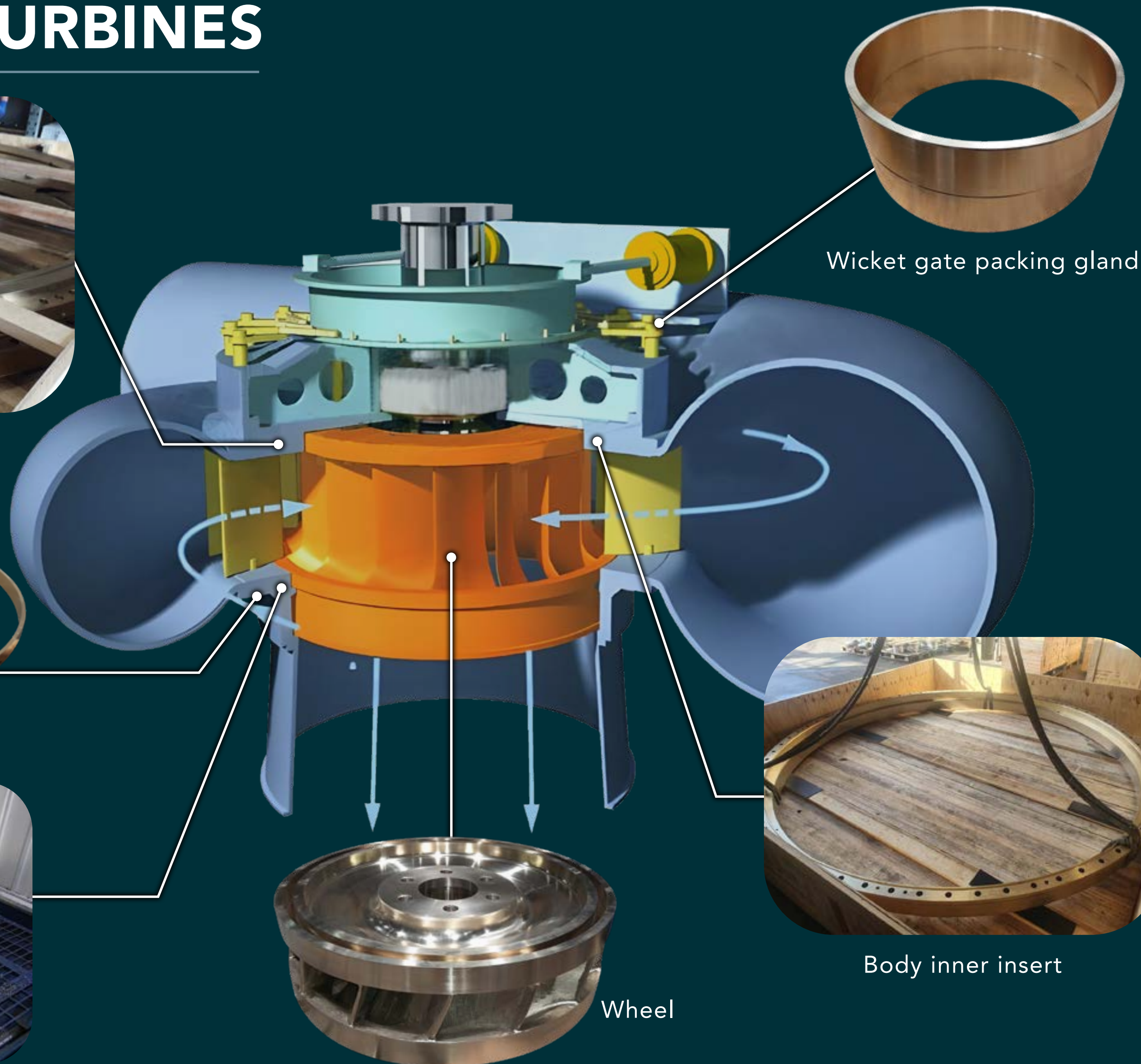
FRANCIS TURBINES



Wearing ring - Head cover



Wearing ring - Bottom ring



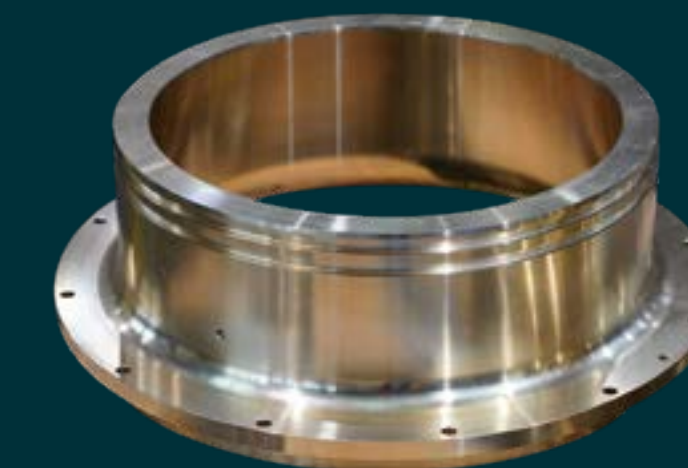
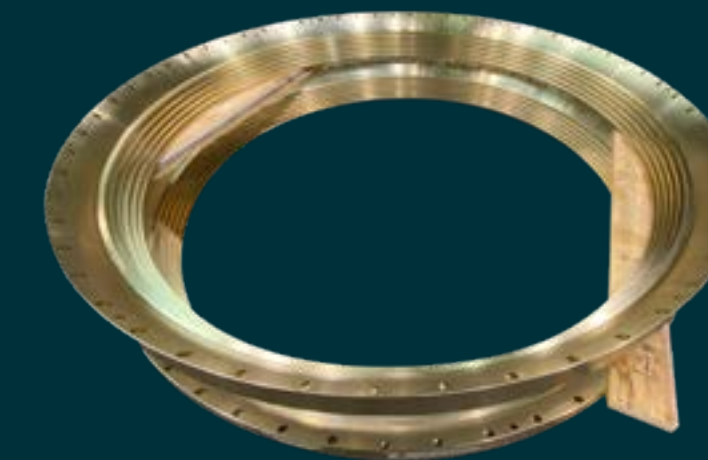
Wicket gate packing gland

Body inner insert

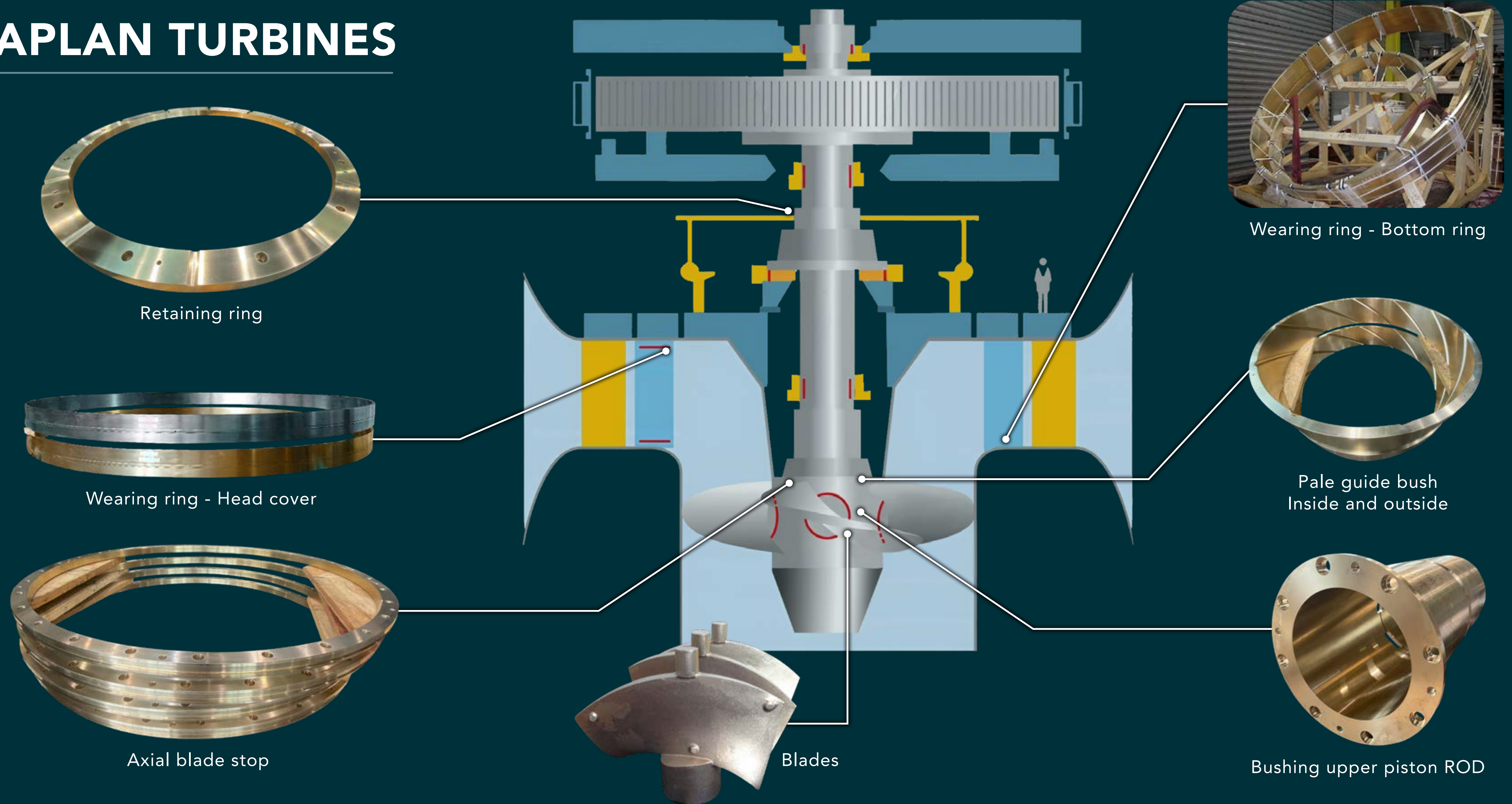
Wheel

AND MANY OTHER PRODUCTS :

- Sealing rings
- Labyrinth ring
- Hubs
- Cover
- Bushing wicket gate
- Bushing friction brake
- Washer



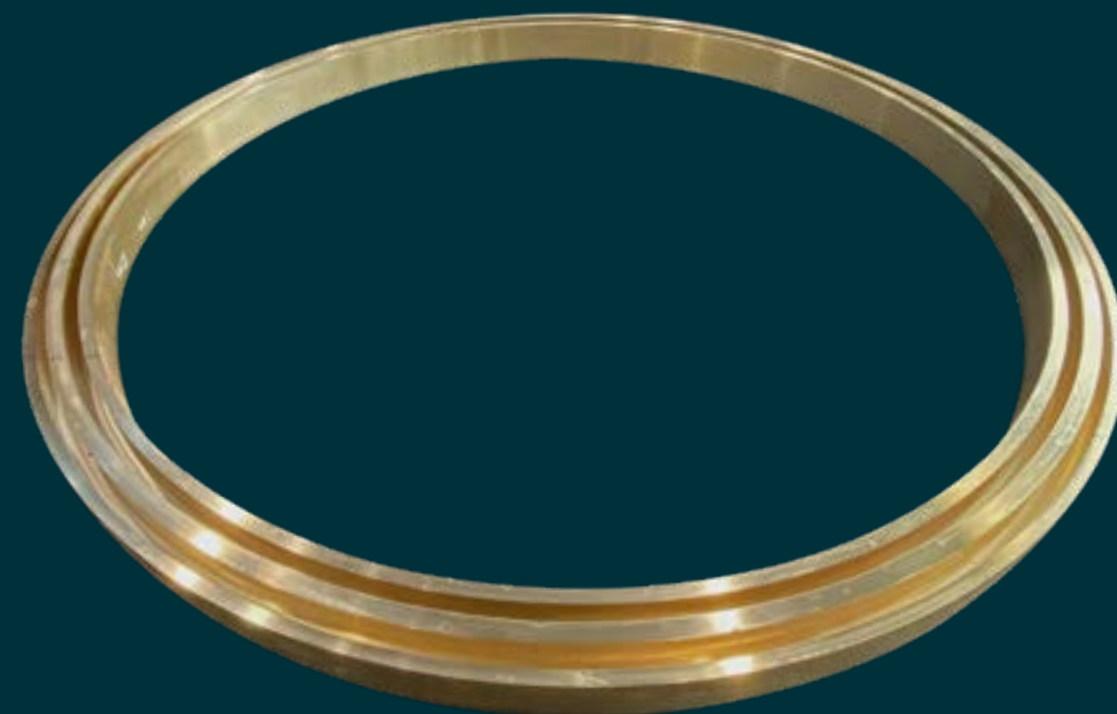
KAPLAN TURBINES



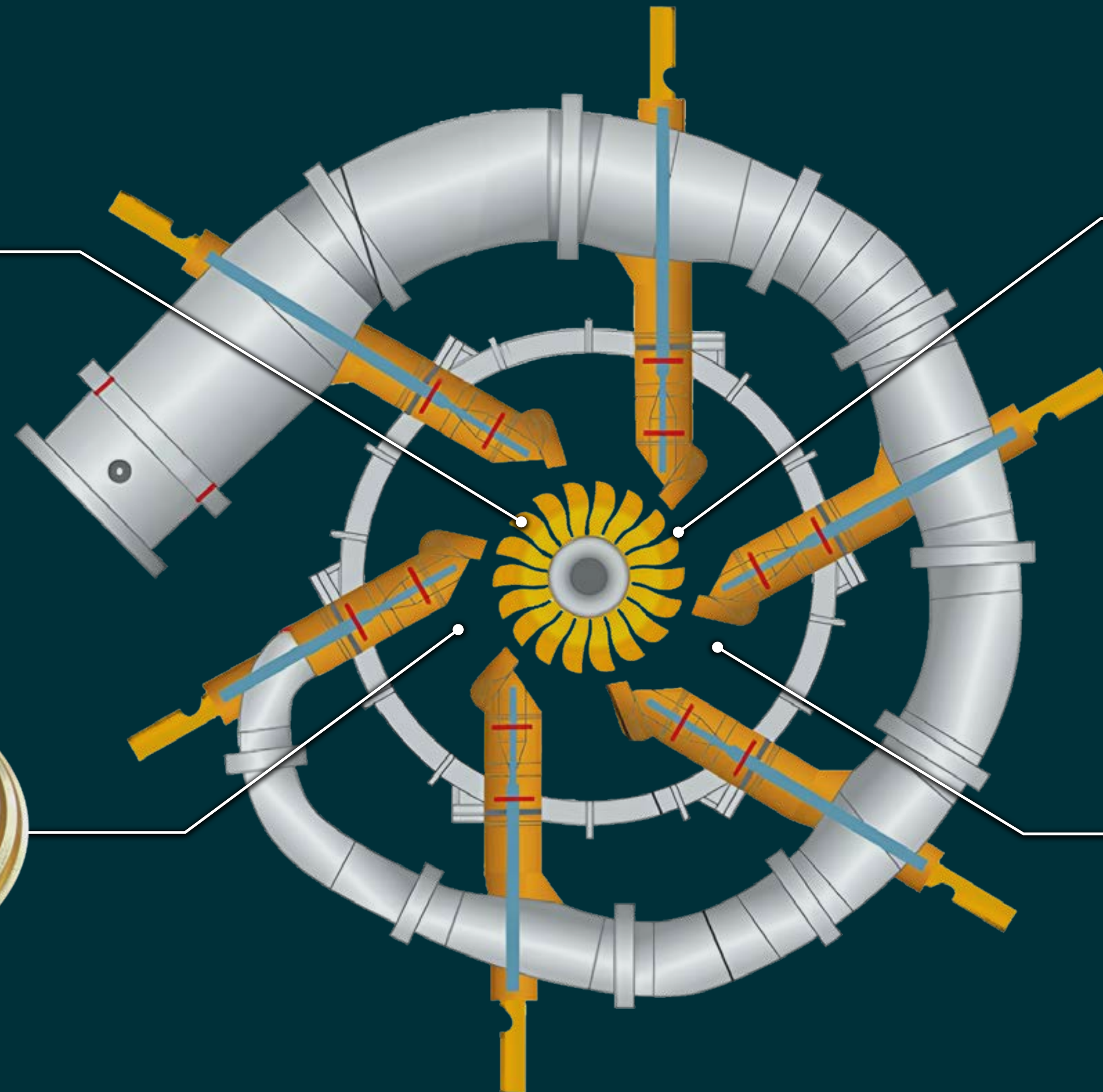
PELTON TURBINES



Wheel



Wearing ring - Head cover



Bearing



Wearing ring - Bottom ring

OTHER APPLICATIONS



Valve body



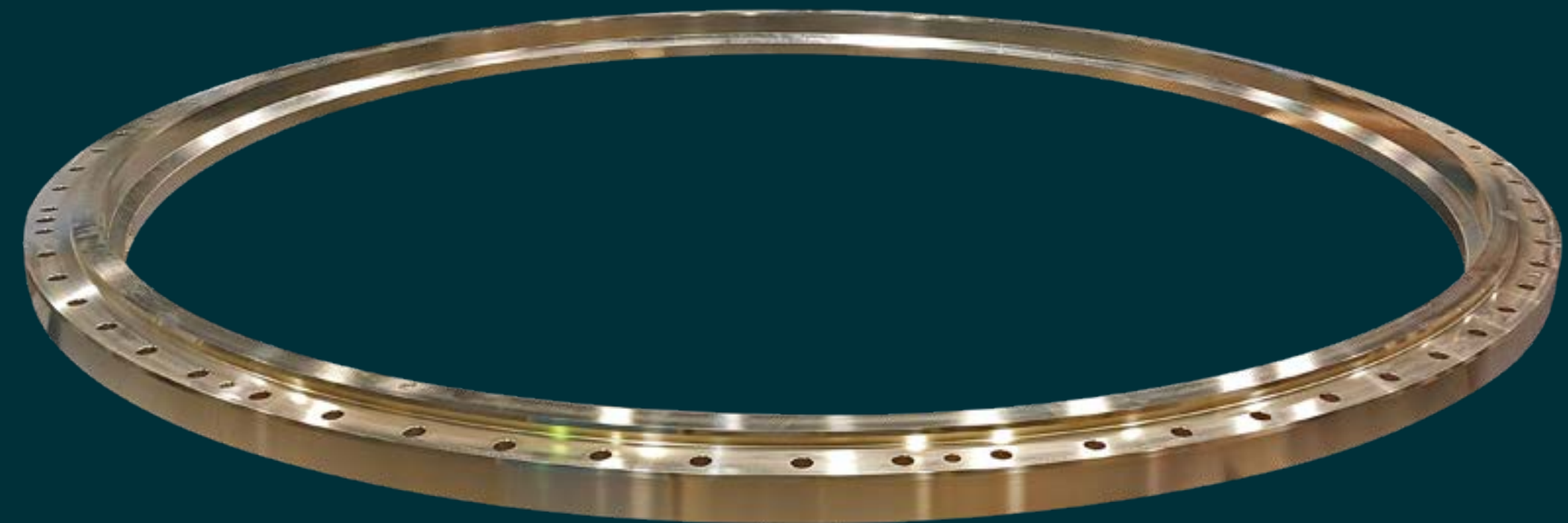
Butterfly valve and seat ring



Tidal turbine - sealing ring



Filters



Spherical valve body outer and inner insert ring

CAPACITIES

SAND CASTING

5m (16') Max. 50 tons 110 Klbs

CENTRIFUGAL CASTING

6m (19') Max. 20 tons 44 Klbs



5 PRODUCTION SITES based in France

TYPE OF ALLOYS

Aluminium Bronze :

Inoxyda 53H
Inoxyda 154
C95500/C95400/C95200
CAF 80 / CAF 90

Tin bronze :

C93200
IC6P

Leaded bronze :

LFD
C93700

Brass :
C86300
CuZn35Mn2Al1Fe1

Stainless steel :

CA6NM / CF3M
F6NM
NITRONIC 60
DUPLEX

And many more...

THEY TRUST US



REFERENCES HYDROELECTRIC DAMS



USA Robert Moses Racoon mountain Trinity	CANADA Churchill Falls Sir Adam Beck Chickamauga	NORWAY Jukla Mesna Tonstad	FRANCE Kembs Marckolsheim La Rance	INDONESIA Polpitiya Samanala	LAOS Luang Prabang	CHINA Tianhuang Ping Guangzhou	SPAIN Valdecanas Torrejon
AUSTRALIA Lemonthyme	AUSTRIA Hattelberg	ARGENTINA Yacyreta	SWITZERLAND Linthal	GERMANY Herdecke Waldeck	WALES Ffestiniog Dinorwig	ANGOLA Caculo Cabaça	TURKEY Kaleköy